



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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RBE350A93-3305-20

Job Sheet 180019



Part No: RBE350A93-3305-20

Job Qty: 4 ea

Part Name: Tail Gearbox Wrench



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 6/27/18

Job Tracking No:

Due Date: 10/30/18

Created By: Logan David

Type: SOLD

Description:

Note: DWG RBE350A93-3305-20 REV:C IPP REV A 18.01.23 NEW ISSUE RQ VERIFIED BY DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea		10/30/18	0.00	0.00	Start Up Small Fab-2		
110	Small Fab	4 pcs		10/30/18	0.00	4.00	Small Fab-3		MLL DAS
120	QC	4 pcs		10/30/18	0.00	0.00	QC5		OCT 30 2018 68
130	Packaging	4 pcs		10/30/18	0.00	0.00	Packaging3-1		MLL 9-89
140	QC21-SA	4 Ea		10/30/18	0.00	0.00	QC21		DAS 21 9-89 OCT 31 2018

Part Op
Descriptions: 110 - Pick kit as per DWG.

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
APP-1030-E	Case	4 Ea (1 ea)	90-Start up Operation	509189-5091978-50919 88
RBE350A93-3305-20-1	Tail Gearbox Wrench	4 Ea (1 ea)	90-Start up Operation	5120027
RBE350A93-3305-20-5	Top Foam use in case APP-1030-E	4 pcs (1 ea)	90-Start up Operation	5092005-5092014-50 92003
RBE350A93-3305-20-7	Bottom Foam use in case APP-1030-E	4 pcs (1 ea)	90-Start up Operation	5092021-509203-509 2019

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	APP-1030-E	4	13	0
	RBE350A93-3305-20-1	4	25	0
	RBE350A93-3305-20-5	4	0	0
	RBE350A93-3305-20-7	4	0	0



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CANADA
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www.dartaerospace.com

Container No: S122611



Part: RBE350A93-3305-20

Job No: 180019

Serial No/Batch: S122611

Revision: C

Inspector:

Exp Date:

Instructions:

Date: 10/30/18

Allocations

not be found.

Plex 10/29/18 1:40 PM dart.lacelle.linda

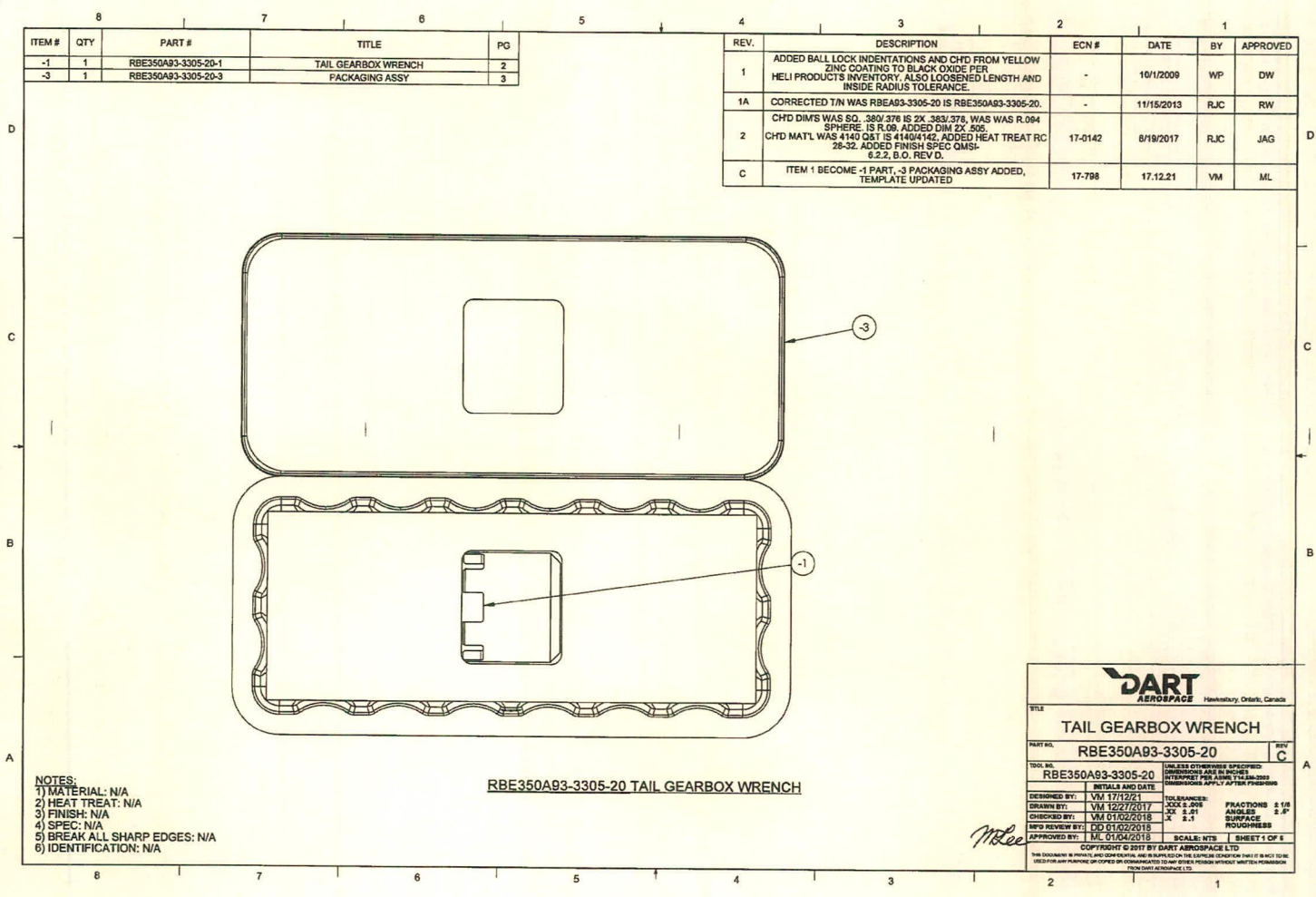
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5091999

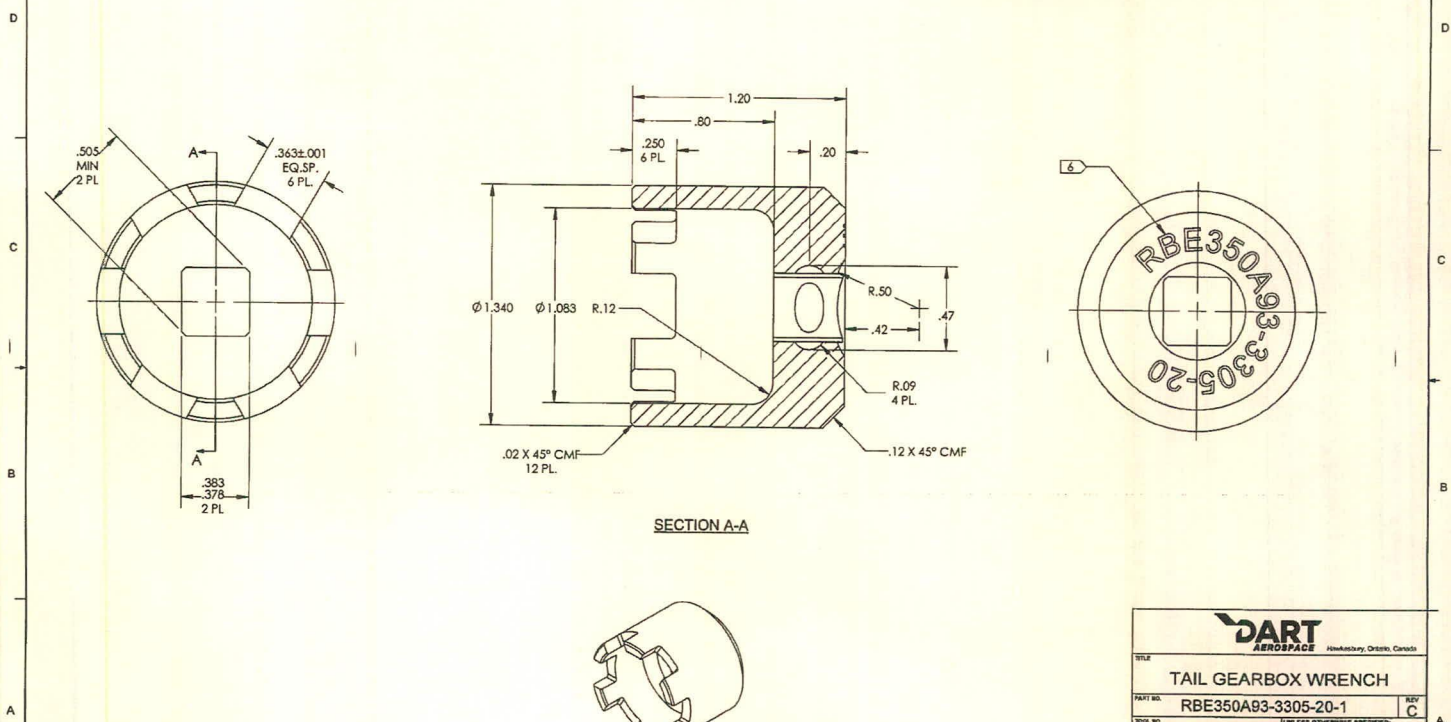
5092009

100 100 100 100

180019



REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
C	PART NUMBER -1 ADDED AT THE END. TOLERANCE ON DIMENSION .363" CHANGED FOR .363" $\pm .001$. ENGRAVING CHANGED FOR MACHINE ENGRAVE, VIEWS CHANGED FOR CLARITY	17-798	17.12.21	VM	ML



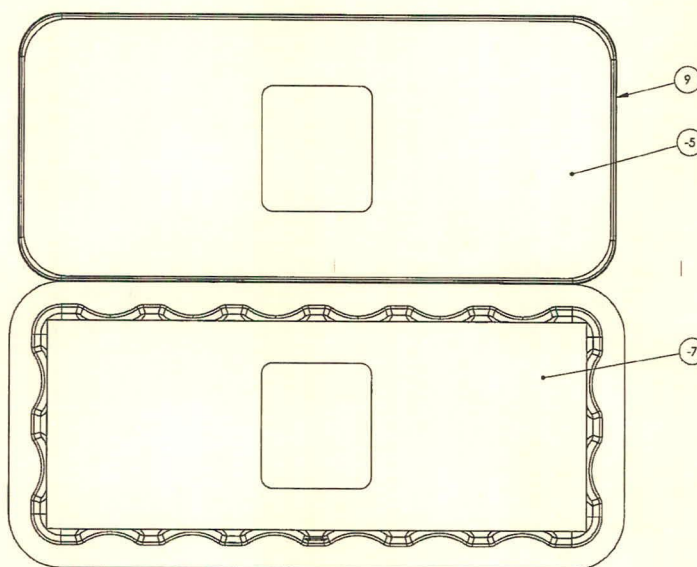
SECTION A-A

RBE350A93-3305-20-1 TAIL GEARBOX WRENCH

- NOTES:
- 1) MATERIAL: 17-4 PH-H900 SS
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) SPEC: N/A
 - 5) BREAK ALL SHARP EDGES .015 x 45° OR .015R
 - 6) IDENTIFICATION: MACHINE ENGRAVE AS SHOWN, 0.010" DEEP

DART AEROSPACE			
TAIL GEARBOX WRENCH			
PART NO.		RBE350A93-3305-20-1	
REV.		C	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS AND FINISHES INTERPRET PER ASME Y14.5M-2009 TOLERANCES APPLY AFTER FINISHING			
DETAILS AND DATE			
DESIGNED BY:	VM 17/12/21	TOLERANCES:	XXX ± .001
DRAWN BY:	VM 12/27/2017	XX ± .01	FRACTIONS: 1/8
CHECKED BY:	VM 01/02/2018	X ± .1	ANGLES: 1/2°
WFO REVIEW BY:	DO 01/02/2018		SURFACE: 3.2
APPROVED BY:	ML 01/04/2018	SCALE: NTS	SHEET 2 OF 2
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ITEM #	QTY	PART #	TITLE	PG	REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
-5	1	RBE350A93-3305-20-5	TOP FOAM	4	C	NEW PACKAGING ASSY ADDED	17-798	17.12.21	VM	ML
-7	1	RBE350A93-3305-20-7	BOTTOM FOAM	5						
9	1	PELICAN #APP-1030-E	PELICAN CASE	-						

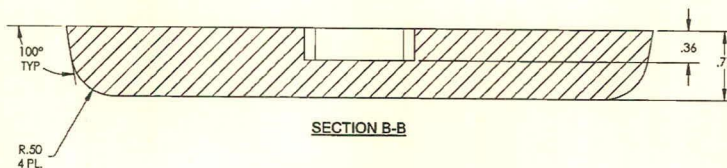
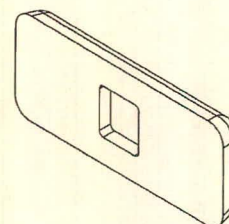
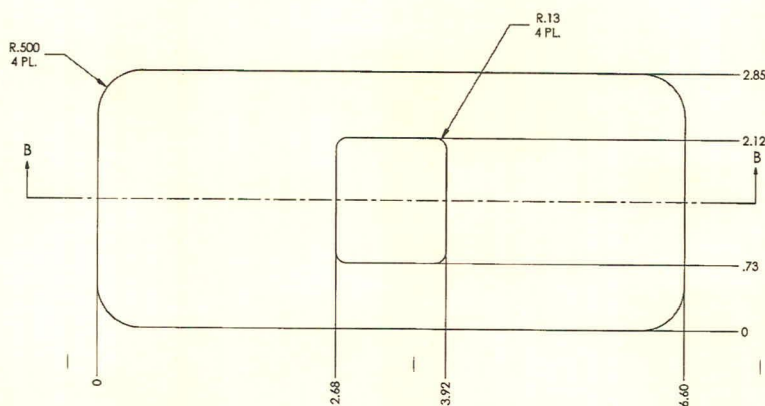


RBE350A93-3305-20-3 PACKAGING ASSY

- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) SPEC: N/A
 - 5) BREAK ALL SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A

DART AEROSPACE Newbury, Ontario, Canada	
PACKAGING ASSY	
PART NO. RBE350A93-3305-20-3	REV. C
TOLERANCES UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES FRACTIONS ARE 1/16, 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 3, 3 1/4, 3 1/2, 4, 4 1/4, 4 1/2, 5, 5 1/4, 5 1/2, 6, 6 1/4, 6 1/2, 7, 7 1/4, 7 1/2, 8, 8 1/4, 8 1/2, 9, 9 1/4, 9 1/2, 10, 11, 12, 14, 16, 18, 20, 24, 30, 36, 48, 60, 72, 96, 120, 144, 180, 216, 240, 288, 360, 432, 480, 576, 720, 864, 1008, 1152, 1440, 1728, 2160, 2592, 3024, 3628, 4353, 5224, 6328, 7680, 9216, 11040, 13248, 15936, 19200, 23040, 27648, 33792, 40960, 49632, 59904, 72960, 88800, 107712, 130680, 159840, 196224, 240768, 293568, 356832, 431616, 520896, 626880, 760896, 916800, 1108800, 1344000, 1632000, 1977600, 2396160, 2895360, 3492000, 4195200, 5011200, 5952000, 7036800, 8380800, 9993600, 11884800, 14172000, 16886400, 19968000, 23558400, 27705600, 32460000, 38880000, 46032000, 54000000, 63840000, 74640000, 86520000, 99600000, 113920000, 129600000, 146720000, 165600000, 186240000, 208640000, 232800000, 259840000, 289760000, 322560000, 358240000, 396800000, 438240000, 482560000, 529760000, 579840000, 632800000, 688640000, 747200000, 808480000, 872480000, 939200000, 1008480000, 1081760000, 1158240000, 1235840000, 1317600000, 1402880000, 1491200000, 1582400000, 1676480000, 1773600000, 1873600000, 1977280000, 2083200000, 2191200000, 2299200000, 2408000000, 2517600000, 2628000000, 2739200000, 2851200000, 2964000000, 3077600000, 3192000000, 3307200000, 3423200000, 3540000000, 3657600000, 3776000000, 3896000000, 4016000000, 4136000000, 4256000000, 4376000000, 4496000000, 4616000000, 4736000000, 4856000000, 4976000000, 5096000000, 5216000000, 5336000000, 5456000000, 5576000000, 5696000000, 5816000000, 5936000000, 6056000000, 6176000000, 6296000000, 6416000000, 6536000000, 6656000000, 6776000000, 6896000000, 7016000000, 7136000000, 7256000000, 7376000000, 7496000000, 7616000000, 7736000000, 7856000000, 7976000000, 8096000000, 8216000000, 8336000000, 8456000000, 8576000000, 8696000000, 8816000000, 8936000000, 9056000000, 9176000000, 9296000000, 9416000000, 9536000000, 9656000000, 9776000000, 9896000000, 10000000000	
DESIGNED BY: VM 17/12/21 CHECKED BY: VM 01/02/2018 MPG REVIEW BY: DD 01/02/2018 APPROVED BY: ML 01/02/2018	TOLERANCES: DEC: ± .005 ANG: ± .01 SURF: ± .01 ROUGHNESS:
SCALE: NTS SHEET 3 OF 3 COPYRIGHT © 2017 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED AND IS NOT TO BE RELEASED TO THE PUBLIC OR TO OTHERS WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD	

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
C	FOAM ADDED	17-798	17.12.21	VM	ML



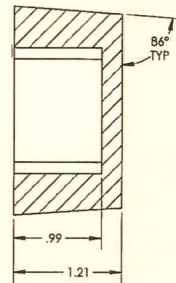
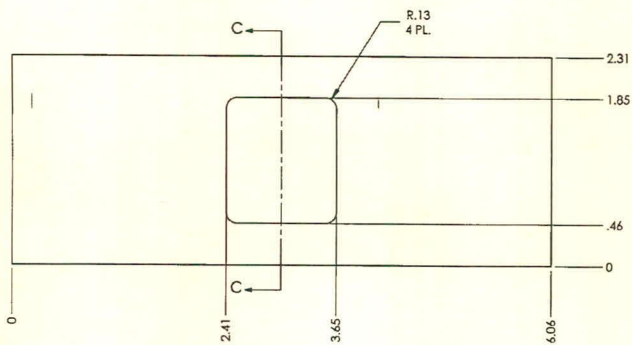
SECTION B-B

RBE350A93-3305-20-5 TOP FOAM

- NOTES:
- 1) MATERIAL: Y20 BLACK
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) SPEC: N/A
 - 5) BREAK ALL SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A

DART AEROSPACE		Hamilton, Ontario, Canada	
TOP FOAM			
PART NO.		REV	
RBE350A93-3305-20-5		C	
TITLE NO.		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 DIMENSIONS APPLY AFTER FINISHING	
RBE350A93-3305-20			
DETAILS AND DATE			
DESIGNED BY:	VM 17/12/21	UNFINISHED:	FRACTIONS ± 1/32
CHECKED BY:	VM 12/27/2017	XXX 1.008	ANGLES ± .5°
QPD REVIEW BY:	VM 01/02/2018	XX 1.01	SURFACE
APPROVED BY:	ML 01/02/2018	X 1.1	ROUGHNESS
		SCALE: NTS	SHEET 4 OF 5
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REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
C	FOAM ADDED	17-798	17.12.21	VM	ML



SECTION C-C

RBE350A93-3305-20-7 BOTTOM FOAM

NOTES:

- 1) MATERIAL: Y20 BLACK
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) SPEC: N/A
- 5) BREAK ALL SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A

DART
AEROSPACE

North York, Ontario, Canada

TITLE			
BOTTOM FOAM			
PART NO.		REV.	
RBE350A93-3305-20-7		C	
TOOL NO. RBE350A93-3305-20 UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES INTERPRET PER ASME Y14.5M-2009 TOLERANCES APPLY AFTER PROCESSING			
INITIALS AND DATE			
DESIGNED BY: VM 17/12/21	TOLERANCES: XXX ± .008	FRACTIONS: 2/16	
DRAWN BY: VM 12/27/2017	XX ± .01	ANGLES: 2.5°	
CHECKED BY: VM 01/02/2018	XX ± .1	SURFACE: ROUGHNESS	
WFO REVIEW BY: CO 01/02/2018	SCALE: NTS	SHEET 8 OF 8	
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